## **PCT**

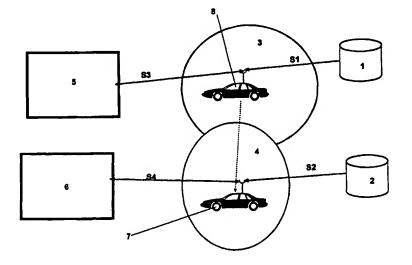
# WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:	A3	(11) International Publication Number: WO 98/59506
H04Q 7/22, 7/32, G06F 17/30	A3	(43) International Publication Date: 30 December 1998 (30.12.98)
(21) International Application Number: PCT/SE (22) International Filing Date: 16 June 1998 (		BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
(30) Priority Data: 9702388-1 23 June 1997 (23.06.97)		Published With international search report.
(71) Applicant: TELIA AB [SE/SE]; Mårbackagatan 11, 5 Farsta (SE).	S-123	(88) Date of publication of the international search report: 25 March 1999 (25.03.99)
(72) Inventor: EMILSSON, Stellan; Gran 31, S-655 94 (SE).	Karlst	ad
(74) Agent: PRAGSTEN, Rolf; Telia Research AB, Vitsa 9, S-123 86 Farsta (SE).	andsgat	an
		·

(54) Title: IMPROVEMENTS IN OR RELATING TO INFORMATION DISTRIBUTION



### (57) Abstract

The present invention provides a method whereby a traveller, currently located in a location with which he is not familiar, can easily access information, relating to his current location, over the Internet, or from some other computer system. In particular, the present invention implements the method by using a telephone system, which may be either the PSTN, or a mobile cellular system, such as the GSM system, to identify the current location of an individual seeking information relevant to his current location, using data on the individual's current location to automatically locate relevant information on a computer database, or databases, and making this information available to the individual desiring the information. A user's terminal may employ software to generate a menu driven selection process and conceal, from the user, details of the automated process of searching for the most relevant information, thus creating a user friendly system. The present invention can be used with any computer-based database, but is primarily intended for use with the Internet.

## FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	· TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	zw	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
CM	Cameroon		Republic of Korea	PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	น	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 98/01180

#### A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H04Q 7/22, H04Q 7/32, G06F 17/30
According to International Patent Classification (IPC) or to both national classification and IPC

#### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC6: G06F, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

### SE, DK, FI, NO classes as above

lilectronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## CLAIMS, EDOC, INSPEC

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category\* X WO 9707467 A1 (PHELAN, SEAN), 27 February 1997 1-3,9,11,14, (27.02.97), page 5, line 5 - line 25; page 6, 16-18,24, line 34 - page 7, line 9; page 13, 26-29 line 28 - page 16, line 36 Y 4-8,10,12, 13, 15, 19-23, Y US 5543789 A (DAVID A. BEHR ET AL), 6 August 1996 6-8,10,12, (06.08.96), column 4, line 65 - column 5, line 37; 13, 15, 19-23, column 6, line 13 - column 7, line 54; column 10, line 17 - column 16, line 7

See patent family annex.			
"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone			
"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art			
"&" document member of the same patent family			
Date of mailing of the international search report			
2 1 -12- 1998			
Authorized officer			
Bo Gustavsson			
1			

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 98/01180

	rc1/3E 30/K	
C (Continu	nation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9708906 A1 (SENDIT AB), 6 March 1997 (06.03.97), see the whole document	4,5
A		1-3,6-29
	<del></del>	
A	US 5561704 A (STEVEN C. SALIMANDO), 1 October 1996 (01.10.96), see the whole document	1-29
	<del></del>	
P,X	US 5682525 A (W. LINCOLN BOUVE ET AL), 28 October 1997 (28.10.97), see the whole document	1,16
P,A		2-15,17-29
	<del></del>	N I
Р,Х	IEICE TRANS. COMMUN., Volume E80-B, No 10, October 1997, NOBUTSUGU FUJINO ET AL, "Mobile Information Service Based on Multi-Agent Architecture"	1,16
D. A.	Al Cili teccui e	2-15,17-29
P,A		2 13,17 23
		}

## INTERNATIONAL SEARCH REPORT

Information on patent family members

01/12/98

International application No. PCT/SE 98/01180

Patent docur cited in search		Publication date		Patent family member(s)		Publication date
0 97074	67 A1	27/02/97	AU	6749496	A	12/03/97
			CA	2229733	A	27/02/97
			EP	0845124		03/06/98
			GB	9516762	D	00/00/00
S 55437	'89 A	06/08/96	AU	2997795	A	19/01/96
			CA	2192545	Α	04/01/96
			EP	0766811	A	09/04/97
			JP	10502174	T	24/02/98
			US	5808566	A	15/09/98
			WO	9600373	A	04/01/96
0 97089	06 A1	06/03/97	AU	6894196	A	19/03/97
			CA	2230544	A	06/03/97
			EP	0872128		21/10/98
			NO	980836		29/04/98
			NZ	316656	A	28/07/98
			PL		Α	06/07/98
			SE	503752		26/08/96
			SE	9502995	A	26/08/96
S 55617	04 A	01/10/96	NON	E		
IS 56825	625 A .	28/10/97	NONE			